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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/450,073DATE: 12/13/1999
TIME: 16:45:15

Input Set: I450073.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

1 <110> APPLICANT: Blaschuk, Orest W.
2 Symonds, James Matthew
3 Gour, Barbara J.
4 Alexander, J. Steven
5 <120> TITLE OF INVENTION: COMPOUNDS AND METHODS FOR CANCER THERAPY
6 <130> FILE REFERENCE: 100086.405C2
7 <140> CURRENT APPLICATION NUMBER: US/09/450,073
8 <141> CURRENT FILING DATE: 1999-11-29
9 <160> NUMBER OF SEQ ID NOS: 52
10 <170> SOFTWARE: PatentIn Ver. 2.0
11 <210> SEQ ID NO 1
12 <211> LENGTH: 4
13 <212> TYPE: PRT
14 <213> ORGANISM: Artificial Sequence
15 <220> FEATURE:
16 <223> OTHER INFORMATION: Description of Artificial Sequence: Occludin cell
17 adhesion recognition sequence
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19 Leu Tyr His Tyr
20 1
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22 <211> LENGTH: 10
23 <212> TYPE: PRT
24 <213> ORGANISM: Artificial Sequence
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26 <223> OTHER INFORMATION: Description of Artificial Sequence: Cell adhesion
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28 <400> SEQUENCE: 2
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30 1 5 10
31 <210> SEQ ID NO 3
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33 <212> TYPE: PRT
34 <213> ORGANISM: Artificial Sequence
35 <220> FEATURE:
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37 modulating agent
38 <220> FEATURE:
39 <223> OTHER INFORMATION: Cyclic peptide
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41 Cys Leu Tyr His Tyr Cys
42 1 5
43 <210> SEQ ID NO 4
44 <211> LENGTH: 15

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52 1 5 10 15
53 <210> SEQ ID NO 5
54 <211> LENGTH: 48
55 <212> TYPE: PRT
56 <213> ORGANISM: Homo sapiens
57 <400> SEQUENCE: 5
58 Gly Val Asn Pro Thr Ala Gln Ser Ser Gly Ser Leu Tyr Gly Ser Gln
59 1 5 10 15
60 Ile Tyr Ala Leu Cys Asn Gln Phe Tyr Thr Pro Ala Ala Thr Gly Leu
61 20 25 30
62 Tyr Val Asp Gln Tyr Leu Tyr His Tyr Cys Val Val Asp Pro Gln Glu
63 35 40 45
64 <210> SEQ ID NO 6
65 <211> LENGTH: 48
66 <212> TYPE: PRT
67 <213> ORGANISM: Mus musculus
68 <400> SEQUENCE: 6
69 Gly Val Asn Pro Thr Ala Gln Ala Ser Gly Ser Met Tyr Gly Ser Gln
70 1 5 10 15
71 Ile Tyr Met Ile Cys Asn Gln Phe Tyr Thr Pro Gly Gly Thr Gly Leu
72 20 25 30
73 Tyr Val Asp Gln Tyr Leu Tyr His Tyr Cys Val Val Asp Pro Gln Glu
74 35 40 45
75 <210> SEQ ID NO 7
76 <211> LENGTH: 48
77 <212> TYPE: PRT
78 <213> ORGANISM: Canis sp.
79 <400> SEQUENCE: 7
80 Gly Val Asn Pro Thr Ala Gln Ala Ser Gly Ser Leu Tyr Ser Ser Gln
81 1 5 10 15
82 Ile Tyr Ala Met Cys Asn Gln Phe Tyr Ala Ser Thr Ala Thr Gly Leu
83 20 25 30
84 Tyr Met Asp Gln Tyr Leu Tyr His Tyr Cys Val Val Asp Pro Gln Glu
85 35 40 45
86 <210> SEQ ID NO 8
87 <211> LENGTH: 50
88 <212> TYPE: PRT
89 <213> ORGANISM: dipodomys sp.
90 <400> SEQUENCE: 8
91 Gly Val Asn Pro Arg Ala Gly Leu Gly Ala Ser Ser Gly Ser Leu Tyr
92 1 5 10 15
93 Tyr Asn Gln Met Leu Met Leu Cys Asn Gln Met Met Ser Pro Val Ala
94 20 25 30

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97      Gln Glu
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107     <400> SEQUENCE: 9
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109             1              5
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114     <220> FEATURE:
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116         Representative occludin cell adhesion recognition
117         sequence
118     <400> SEQUENCE: 10
119         Gln Leu Tyr His Tyr Gln Leu Tyr His Tyr Gln Leu Tyr His Tyr
120             1              5              10              15
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125     <220> FEATURE:
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128         molecules
129     <400> SEQUENCE: 11
130         Lys Tyr Ser Phe Asn Tyr Asp Gly Ser Glu
131             1              5              10
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140         Tyr Leu Tyr His Tyr Cys Val Val Asp
141             1              5
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143     <211> LENGTH: 8
144     <212> TYPE: PRT

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145 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
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151 1 5
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153 <211> LENGTH: 7
154 <212> TYPE: PRT
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162 <210> SEQ ID NO 15
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180 Leu Tyr His Tyr Cys
181 1 5
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189 <400> SEQUENCE: 17
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192 <210> SEQ ID NO 18
193 <211> LENGTH: 5
194 <212> TYPE: PRT

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205 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Description of Artificial Sequence: Cell adhesion
208 modulation agent
209 <400> SEQUENCE: 19
210 Cys Asp Gly Tyr Pro Lys Asp Cys Lys Gly
211 1 5 10
212 <210> SEQ ID NO 20
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215 <213> ORGANISM: Artificial Sequence
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218 modulation agent
219 <220> FEATURE:
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221 <400> SEQUENCE: 20
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223 1 5 10
224 <210> SEQ ID NO 21
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233 1 5 10
234 <210> SEQ ID NO 22
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237 <213> ORGANISM: Artificial Sequence
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239 <223> OTHER INFORMATION: Description of Artificial Sequence: Cell adhesion
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241 <220> FEATURE:
242 <223> OTHER INFORMATION: Cyclic Peptide
243 <400> SEQUENCE: 22
Cys Gly Asn Leu Ser Thr Cys Met Leu Gly

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Input Set: I450073.RAW

Line	? Error/Warning	Original Text
354	W "N" or "Xaa" used: Feature required	Cys Leu Tyr His Tyr Xaa
370	W "N" or "Xaa" used: Feature required	Xaa Leu Tyr His Tyr Cys
386	W "N" or "Xaa" used: Feature required	Xaa Leu Tyr His Tyr Cys
402	W "N" or "Xaa" used: Feature required	Xaa Leu Tyr His Tyr Cys
419	W "N" or "Xaa" used: Feature required	Xaa Leu Tyr His Tyr Cys
568	W "N" or "Xaa" used: Feature required	Gly Val Asn Pro Thr Ala Gln Xaa Gly Ala S
570	W "N" or "Xaa" used: Feature required	Xaa Ser Gln Ile Tyr Xaa Xaa Cys Asn Gln P
572	W "N" or "Xaa" used: Feature required	Thr Gly Leu Tyr Xaa Asp Gln Tyr Leu Tyr H
611	W "N" or "Xaa" used: Feature required	Trp Xaa Xaa Xaa Xaa Xaa Xaa Gly
654	W "N" or "Xaa" used: Feature required	Xaa Phe Xaa Xaa Xaa Xaa Xaa Xaa Gly